

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L3 | 0 | 2 and ground\$3 | US-PGPUB; USPAT | OR | OFF | 2005/01/24 15:30 |
| L2 | 13 | 1 and (reset\$4 with pulse\$1) | US-PGPUB; USPAT | OR | OFF | 2005/01/24 15:30 |
| L1 | 272 | 359/295.ccis. | US-PGPUB; USPAT | OR | OFF | 2005/01/24 15:30 |
| S16 4 | 35 | S162 and (((deflect\$3 tilt\$3 rotat\$3 actuat\$3) with (position state)) same (ground\$3 same (reset\$4 near3 pulse\$1))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 11:50 |
| S16 3 | 146 | S162 and (((deflect\$3 tilt\$3 rotat\$3 actuat\$3) with (position state)) same (ground\$3 same reset\$4 same pulse\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 11:42 |

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|----------------|--------------------|---|------------------------------|----|-----|------------------|
| S16 2 | 146 | (US-20020122238-\$).did. or (US-3969209-\$ or US-4375776-\$ or US-4712888-\$ or US-5377524-\$).did. or (US-1724322-\$ or US-1884744-\$ or US-2034064-\$ or US-2052539-\$ or US-2053749-\$ or US-2172879-\$ or US-2217029-\$ or US-2288645-\$ or US-2375059-\$ or US-2379862-\$ or US-2489282-\$ or US-2550698-\$ or US-2578773-\$ or US-2639331-\$ or US-2673242-\$ or US-2680155-\$ or US-2705146-\$ or US-2737393-\$ or US-2793038-\$ or US-2799451-\$ or US-2839173-\$ or US-2843753-\$ or US-2847919-\$ or US-2850723-\$ or US-2888198-\$ or US-2907011-\$).did. or (US-2911277-\$ or US-2916289-\$ or US-2919429-\$ or US-2940065-\$ or US-2954165-\$ or US-2974306-\$ or US-2985499-\$ or US-2985714-\$ or US-2986967-\$ or US-2989731-\$ or US-2990538-\$ or US-3009402-\$ or US-3012723-\$ or US-3017509-\$ or US-3023317-\$ or US-3028956-\$ or US-3033444-\$ or US-3039003-\$ or US-3046525-\$ or US-3047225-\$ or US-3059266-\$ or US-3067874-\$ or US-3077158-\$ or US-3091219-\$ or US-3099199-\$ or US-3102429-\$ or US-3105151-\$).did. or (US-3106700-\$ or US-3108257-\$ or US-3108648-\$ or US-3132206-\$ or US-3132753-\$ or US-3142722-\$ or US-3142840-\$ or US-3143724-\$ or US-3159777-\$ or US-3173531-\$ or US-3176440-\$ or US-3176556-\$ or US-3181812-\$ or US-3185075-\$ or US-3187318-\$ or US-3200192-\$ or US-3200376-\$ or US-3200888-\$ or US-3201571-\$ or US-3211962-\$ or US-3219983-\$ or US-3223255-\$ or US-3228021-\$ or US-3239735-\$ or US-3241021-\$ or US-3246550-\$ or US-3247503-\$).did. or (US-3254594-\$ or US-3261914-\$ or US-3265176-\$ or US-3265874-\$ or US-3267424-\$ or US-3268073-\$ or US-3274391-\$ or US-3277445-\$ or US-3281803-\$ or US-3289832-\$ or US-3298000-\$ or US-3306471-\$ or US-3310787-\$ or US-3312939-\$ or US-3312965-\$ or US-3314452-\$ or US-3329807-\$ or US-3336810-\$ or US-3343053-\$ or US-3348027-\$ or US-3348215-\$ or US-3350699-\$ | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/01/24 11:37 |
| Search History | 1/24/05 3:31:03 PM | Page 2 of 15 of 10027873.WPD or US-3365045-\$ or US-3371338-\$ or IIC_3374844_41 did or | | | | |

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|----------|--------|--|---|----|-----|------------------|
| S16 0 | 146 | S159 and (((deflect\$3 tilt\$3 rotat\$3 actuat\$3) with (position state)) same (ground\$3 same reset\$4 same pulse\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 11:37 |
| S16 1 | 1478 | S156 and ((deflect\$3 tilt\$3 rotat\$3 actuat\$3) with (position state)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 11:36 |
| S15 9 | 442328 | (mems or mem or microelectromechanical or microelectricalmechanical or micromechanical or (micro adj2 electro adj2 mechanical) or (micro adj2 electrical adj2 mechanical) or (micro adj2 mechanical)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 11:36 |
| S15 8 | 707 | (mems or mem or microelectromechanical or microelectricalmechanical or micromechanical or (micro adj2 electro adj2 mechanical) or (micro adj2 electrical adj2 mechanical) or (micro adj2 mechanical)) and (((deflect\$3 tilt\$3 rotat\$3 actuat\$3) with (position state)) same (ground\$3 same reset\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 11:35 |
| S15 6 | 2495 | (mems or mem or microelectromechanical or microelectricalmechanical or micromechanical or (micro adj2 electro adj2 mechanical) or (micro adj2 electrical adj2 mechanical) or (micro adj2 mechanical)) and (ground\$3 same reset\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 11:34 |
| S15 7 | 555 | (mems or mem or microelectromechanical or microelectricalmechanical or micromechanical or (micro adj2 electro adj2 mechanical) or (micro adj2 electrical adj2 mechanical) or (micro adj2 mechanical)) and (ground\$3 with reset\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 11:31 |
| S29 | 12 | ((((mems or microelectromechanical or (micro adj electro adj mechanical))) and semiconduct\$3 near5 substrate) and torsion\$2) and (driv\$3 with voltage)) and memory | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/24 11:30 |

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|----------|-----|--------------------|---|----|-----|------------------|
| S15 5 | 33 | S154 and reset\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/14 13:09 |
| S15 4 | 207 | S153 and ground\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/14 13:09 |

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|----------------|--------------------|---|--------------------------------|----|-----|------------------|
| S15 3 | 207 | (US-20040124904-\$ or US-20040125431-\$ or US-20040125837-\$ or US-20040130379-\$ or US-20040130767-\$ or US-20040130773-\$ or US-20040131211-\$ or US-20040134899-\$ or US-20040135567-\$ or US-20040135633-\$ or US-20040137655-\$ or US-20040139040-\$ or US-20040140809-\$ or US-20040141224-\$ or US-20040141560-\$ or US-20040141578-\$ or US-20040145557-\$ or US-20040145792-\$ or US-20040145795-\$ or US-20040145822-\$ or US-20040148557-\$ or US-20040150381-\$ or US-20040150423-\$ or US-20040150868-\$ or US-20040150871-\$ or US-20040150872-\$).did. or (US-20040151023-\$ or US-20040155234-\$ or US-20040155592-\$ or US-20040156089-\$ or US-20040156638-\$ or US-20040159631-\$ or US-20040164377-\$ or US-20040165025-\$ or US-20040165243-\$ or US-20040165244-\$ or US-20040169086-\$ or US-20040169564-\$ or US-20040169910-\$ or US-20040174757-\$ or US-20040179257-\$ or US-20040179722-\$ or US-20040182702-\$ or US-20040184132-\$ or US-20040184282-\$ or US-20040184718-\$ or US-20040189184-\$ or US-20040189209-\$ or US-20040189389-\$ or US-20040189554-\$ or US-20040189560-\$ or US-20040189576-\$ or US-20040189963-\$).did. or (US-20040190109-\$ or US-20040190110-\$ or US-20040196103-\$ or US-20040196526-\$ or | US-PGPUB; USPAT; DERWENT | OR | OFF | 2005/01/14 13:03 |
| Search History | 1/24/05 3:31:03 PM | Page 5 C:\APPS\east\workspaces\10007872\SP US-20040199062-\$ or US-20040201548-\$ or | | | | |

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|----------|-------|---|---|----|-----|------------------|
| S15 2 | 207 | S151 and electrode\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/14 13:03 |
| S15 1 | 532 | S150 and ground\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/14 13:00 |
| S15 0 | 765 | S149 and @pd>="20040625" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/14 13:00 |
| S14 9 | 10939 | S137 S138 S139 S140 S141 S142 S143 S144 S145 S146 S147 S148 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/14 12:59 |
| S14 8 | 981 | (345/30,55,84).ccls. | US-PGPUB; USPAT | OR | OFF | 2005/01/14 12:59 |
| S14 7 | 9 | S146 same (bias or electrode\$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/14 12:58 |
| S14 6 | 31 | S145 same (reset near2 (pulse signal)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/14 12:58 |
| S14 5 | 7787 | ground\$3 with (mirror\$1 (member near3 (deflect\$3 torsion))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/14 12:58 |
| S14 4 | 7014 | ground with (mirror\$1 (member near3 (deflect\$3 torsion))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/01/14 12:58 |
| S14 3 | 5 | S142 and (reset\$5 same ground) | US-PGPUB; USPAT | OR | OFF | 2005/01/14 12:57 |

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| S14 2 | 5 | (US-4087810-\$ or US-4712888-\$ or US-5444566-\$ or US-5061049-\$).did. or (US-20020122238-\$).did. | US-PGPUB; USPAT | OR | OFF | 2005/01/14 12:57 |
| S14 1 | 9 | S140 and (reset\$5 same ground) | US-PGPUB; USPAT | OR | OFF | 2005/01/14 12:57 |
| S14 0 | 9 | S139 and (reset\$5 same ground) | US-PGPUB; USPAT | OR | OFF | 2005/01/14 12:57 |
| S13 9 | 1367 | S138 and (bias or electrode\$1) | US-PGPUB; USPAT | OR | OFF | 2005/01/14 12:57 |
| S13 8 | 2473 | (359/223,224,290-292,298).ccls. (345/30,55,84,85).ccls. and @pd>="20040206" | US-PGPUB; USPAT | OR | OFF | 2005/01/14 12:57 |
| S13 7 | 1 | "20020122238".pn. | US-PGPUB; USPAT | OR | OFF | 2005/01/14 12:57 |